UNIVERSIDAD DE LAS FUERZAS ARMADAS - ESPE

DEPARTAMENTO CIENCIAS DE LA COMPUTACIÓN

Web System Fundament

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What are Progressive Web Apps or PWA?

Progressive web apps (PWA) or progressive web application is a solution based on the traditional web we all know, although it incorporates some particularities that make it look like a native app for cell phones and tablets. Each project is independent and the level of adaptation of the web to the app format is progressive, so we may visit a site with a PWA almost identical to an app or perhaps it is a web with some advances.

How does a Progressive Web Apps (PWA) work?

This allows us to control how our application will be seen in areas where users normally have native applications.

This file or manifest contains the following:

Name: Name of the application that will appear in the user's mobile menu.
Description: Indicate the description of our mobile application.
Icons: Create different icons, with different resolutions, so that in this way, it looks good on all devices.
Start url: Start url when we open the application
Display: In this case, we can choose several configurations (standalone, fullscreen, minimal-ui, among others).
Orientation: When we talk about orientation we refer to whether we want the web application to be used in portrait mode or landscape mode.
Theme_color: the color to be used for the top bar of the application.
Background_color: color for the screen before the complete loading of the application.